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Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/020,451
				Filing Date	December 14, 2001
				Confirmation Number	1695
				First Named Inventor	Taylor
				Group Art Unit	3731
Examiner Name	Unassigned				
Sheet	1	of	11	Attorney Docket Number	GUID-003CON3

U.S. PATENT DOCUMENTS					
Examiner Initials'	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
M	A1	452,131		Haughawout	05-12-1891
	A2	810,675		Richter	01-23-1906
	A3	1,706,500		Smith	03-26-1929
	A4	2,082,782		Allen	06-08-1937
	A5	2,296,793		Kirschbaum	09-22-1942
	A6	2,590,527		Fluck	03-25-1952
	A7	2,693,795		Grieshaber	11-09-1954
	A8	2,863,444		Winsten	12-09-1958
	A9	3,361,133		Kimberly, et al.	01-02-1968
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	A15	3,807,406		Rafferty, et al.	04-30-1974
	A16	3,858,926		Ottenhues	01-07-1975
	A17	3,882,855		Shulte, et al.	05-13-1975
	A18	3,983,863		Janke, et al.	10-05-1976
	A19	4,047,532		Phillips, et al.	09-13-1977
	A20	4,048,987		Hurson	09-20-1977
	A21	4,049,000		Williams	09-20-1977
	A22	4,049,002		Kletschka, et al.	09-20-1977
	A23	4,052,980		Grams et al	10-11-1977
	A24	4,096,864		Kletschka, et al.	06-27-1978
	A25	4,217,890		Owens	08-19-1980
	A26	4,226,228		Shin, et al.	10-07-1980
	A27	4,230,119		Blum	10-28-1980
M	A28	4,300,564		Furihata	11-17-1981
M	A29	4,306,561		de Medinaceli	12-22-1981
Examiner Signature	Nasse			Date Considered	10/23/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attorney Docket Number

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A30	4,366,819	Kaster	01-04-1983	
A31	4,368,736	Kaster	01-18-1983	
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A33	4,428,368	Torii	01-31-1984	
A34	4,434,791	Darnell	03-06-1984	
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A37	4,492,229	Grunwald	01-28-1985	OCT 21 2002
A38	4,617,916	LeVahn, et al.	10-21-1986	
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A40	4,637,377	Loop	01-20-1987	
A41	4,646,747	Lundback	03-03-1987	
A42	4,688,570	Kramer, et al.	08-25-1987	
A43	4,702,230	Pelta	10-27-1987	
A44	Des 293,470	Adler	12-29-1987	
A45	4,718,418	L'Esperance, Jr.	01-12-1988	
A46	4,726,356	Santilli, et al.	02-23-1988	
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A48	4,736,749	Lundback	04-12-1988	
A49	4,747,395	Brief	05-31-1988	
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A51	4,803,984	Narayanan, et al.	02-14-1989	
A52	4,808,163	Laub	02-28-1989	
A53	4,827,926	Carol	05-09-1989	
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A55	4,841,967	Chang, et al.	06-27-1989	
A56	4,852,552	Chaux	08-01-1989	
A57	4,854,318	Solem, et al.	08-08-1989	
A58	4,858,552	Glatt, et al.	08-22-1989	
A59	4,863,133	Bonnell	09-05-1989	
A60	4,865,019	Phillips	09-12-1989	

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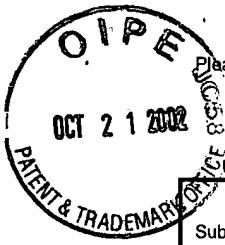
Date
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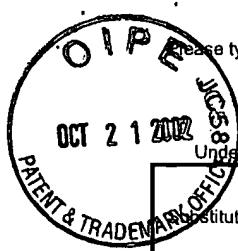
m	A61	4,884,559	Collins	12-05-1989	
	A62	4,925,443	Heilman, et al.	05-15-1990	
	A63	4,949,707	LeVahn, et al.	08-21-1990	
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	A69	4,973,300	Wright	11-27-1990	
	A70	4,989,587	Farley	02-05-1991	TECHNOLOGY CENTER R3700
	A71	4,991,578	Cohen	02-12-1991	
	A72	4,993,862	Pelta	02-19-1991	
	A73	5,009,660	Clapham	04-23-1991	
	A74	5,011,469	Buckberg, et al.	04-30-1991	
	A75	5,019,086	Neward	05-28-1991	
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	A81	5,080,088	LeVahn	01-14-1992	
	A82	5,098,369	Heilman, et al.	03-24-1992	
	A83	5,119,804	Anstadt	06-09-1992	
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	A86	5,133,724	Wilson Jr., et al.	07-28-1992	
	A87	5,139,517	Corral	08-18-1992	
	A88	5,150,706	Cox, et al.	09-29-1992	
	A89	5,152,777	Goldberg, et al.	10-06-1992	
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m	A91	5,167,223	Koros, et al.	12-01-1992	

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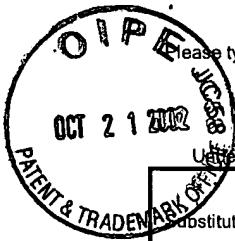
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A93	Re. 34,150	Santilli, deceased, et al.	12-29-1992	
A94	5,196,003	Bilweis	03-23-1993	
A95	5,231,974	Giglio, et al.	08-03-1993	
A96	5,256,132	Snyders	10-26-1993	
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A98	5,287,861	Wilk	02-22-1994	OCT 21 2002
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A100	5,300,087	Knoepfler	04-05-1994	
A101	5,318,013	Wilk	07-07-1994	
A102	5,336,252	Cohen	08-09-1994	
A103	5,348,259	Blanco, et al.	09-20-1994	
A104	5,363,882	Chikama	11-15-1994	
A105	5,382,756	Dagan	01-17-1995	
A106	5,383,840	Heilman, et al.	01-24-1995	
A107	5,417,709	Slater	05-23-1995	
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A109	5,437,651	Todd, et al.	08-01-1995	
A110	5,452,733	Sterman, et al.	09-26-1995	
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A113	5,480,425	Ogilive	01-02-1996	
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A116	5,509,890	Kazama	04-23-1996	
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M	A123	5,536,251	Evard, et al.	07-16-1996	
	A124	5,547,458	Ortiz, et al.	08-20-1996	
	A125	5,569,274	Rapacki, et al.	10-29-1996	
	A126	5,571,074	Buckman Jr., et al.	11-05-1996	
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	A130	5,607,421	Jeevanandam, et al.	03-04-1997	
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	A132	5,613,937	Garrison, et al.	03-25-1997	
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	A134	5,651,378	Metheny, et al.	07-29-1997	
	A135	5,662,300	Michelson	09-02-1997	
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	A137	5,713,951	Garrison, et al.	02-03-1998	
	A138	5,727,569	Benetti, et al.	03-17-1998	
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	A141	5,735,290	Sterman, et al.	04-07-1998	
	A142	5,749,892	Vierra, et al.	05-12-1998	
	A143	5,755,660	Tyagi	05-26-1998	
	A144	5,766,151	Valley, et al.	06-19-1998	
	A145	5,772,583	Wright, et al.	06-30-1998	
	A146	5,782,746	Wright	07-21-1998	
	A147	5,795,291	Koros, et al.	08-18-1998	
	A148	5,797,960	Stevens, et al.	08-25-1998	
	A149	5,799,661	Boyd, et al.	09-01-1998	
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	A151	5,813,410	Levin	09-29-1998	
	A152	5,818,231	Smith	10-06-1998	
M	A153	5,836,311	Borst, et al.	11-17-1998	
M	A154	5,864,275	Ohashi, et al.	01-26-1999	

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M	A155	5,888,247		Benetti	03-30-1999	
	A156	5,891,017		Swindle, et al.	04-06-1999	
	A157	5,894,843		Benetti, et al.	04-20-1999	
	A158	5,927,284		Borst, et al.	07-27-1999	
	A159	6,015,378		Borst, et al.	01-18-2000	
	A160	6,032,672		Taylor	03-07-2000	RECEIVED
	A161	6,328,688		Borst, et al.	12-11-2001	OCT 21 2002
	A162	6,334,843		Borst, et al.	01-01-2002	TECHNOLOGY CENTER R3700
	A163	6,336,898		Borst, et al.	01-08-2002	
	A164	6,364,826		Borst, et al.	04-02-2002	
	A165	6,371,906		Borst, et al.	04-16-2002	
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Examiner Initials'	Cite No. ¹	Foreign Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
M	B1		168,216	United Kingdom	09-01-1921	
	B2		SU 938967	Soviet Union	07-05-1982	
	B3		DE 31 38 589 A1	Germany	04-07-1983	
	B4		WO 87/04081	Polgár	07-16-1987	
	B5		WO 88/00481	Renton	01-28-1988	
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	B7		EP 0 293 760 A3	EPO	12-07-1988	
	B8		EP 0 293 760 B1	EPO	12-07-1988	
	B9		9004513	Germany	06-28-1990	
	B10		GB 2 233 561 A	United Kingdom	01-16-1991	
	B11		DE 41 39 695 A1	Germany	06-03-1993	
	B12		GB 2 267 827 A	United Kingdom	12-22-1993	
M	B13		EP 0 630 629 A1	EPO	05-17-1994	

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M	B14	WO 94/14383	PCT	07-07-1994	RECEIVED	
	B15	WO 94/18881	PCT	09-01-1994	OCT 21 2002	
	B16	WO 95/01757	PCT	01-19-1995		
	B17	WO 95/15715	PCT	06-15-1995		
	B18	WO 95/17127	Rygaard	06-29-1995	TECHNOLOGY CENTER R3700	
	B19	0 668 058 A1	Weldon, et al.	08-23-1995		
	B20	WO 96/00033	PCT	01-04-1996		
M	B21	WO 97/10753	Borst, et al.	03-27-1997		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
M	C1	AKINS, et al. "Preservation of interventricular septal function in patients having coronary artery bypass grafts without cardiopulmonary bypass," <i>American Heart Journal</i> , (1984) Vol. 107(2): 304-309.				
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	C4	ANGELINI, et al. "A simple, inexpensive method of heart retraction during coronary artery bypass surgery," <i>Ann. Thorac. Surg.</i> , (1988) Vol. 46: 46-247.				
	C5	ANKENEY, et al. "To use or not to use the pump oxygenator in coronary bypass operations," <i>The Annals of Thoracic Surgery</i> , (1975) Vol. 19(1): 108-109.				
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	C8	ARCHER, et al. "Coronary artery revascularization without cardiopulmonary bypass," <i>Texas Heart Institute Journal</i> , (1984) Vol. 11(1): 52-57.				
M	C9	AROM, et al. "Mini-sternotomy for coronary artery bypass grafting," <i>The Annals of Thoracic Surgery</i> , (1996) Vol. 61: 1271-1272.				

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First Named Inventor	Taylor	
Group Art Unit	3731	
Examiner Name	Unassigned	TECHNOLOGY CENTER R3700

Attorney Docket Number GUID-003CON3

~	C10	BALLANTYNE, et al. "Delayed recovery of severely 'stunned' myocardium with the support of a left ventricular assist device after coronary artery bypass graft surgery," <i>Journal of the American College of Cardiology</i> , (1987) Vol. 10(3): 710-712.	
	C11	BEDELLINO, et al. "The cardiac rag - Simple exposure of the heart," <i>Texas Heart Institute Journal</i> , (1988) Vol. 15(2): 134-135.	
	C12	BEG, et al. "Internal mammary retractor," <i>Ann Thorac. Surg.</i> , (1985) Vol. 39(1): 286-287.	
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	C18	BUGGE . "A new internal mammary artery retractor," <i>Thorac. Cardiovasc Surgeon</i> , (1990) Vol. 38: 316-317.	
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~	C27	DELROSSI, et al. "A new retractor to aid in coronary artery surgery," <i>The Annals of Thoracic Surgery</i> , (1983) Vol. 36(1): 101-102.
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	C37	Japanese Article "Heart Retractor"
	C38	JANKE. "Heart support for coronary bypass surgery involving the circumflex artery system," <i>The Journal of Thoracic and Cardiovascular Surgery</i> , pp. 883-884.
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M	C46	MCKEOWN, et al. "A modified sternal retractor for exposure of the internal mammary artery," <i>Ann. Thorac. Surg.</i> , (1981) Vol. 32: 619.	
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A	C63	SPLITTERBERGER, et al. "Exposing the circumflex coronary artery: The heartflip technique," <i>Ann Thorac Surg.</i> , (1996) Vol. 61: 1019-1020.	
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	C65	TRAPP, et al. "Placement of coronary artery bypass graft without pump oxygenator," <i>J. of the Society of Thoracic Surgeons and The Southern Thoracic Surgeons Assn.</i> , (1975) Vol. 19(1).	
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↑	C70	ZUMBRO, et al. "A prospective evaluation of the pulsatile assist device," <i>The Annals of Thoracic Surgery</i> , (1979) Vol. 28(2): 269-273.	

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